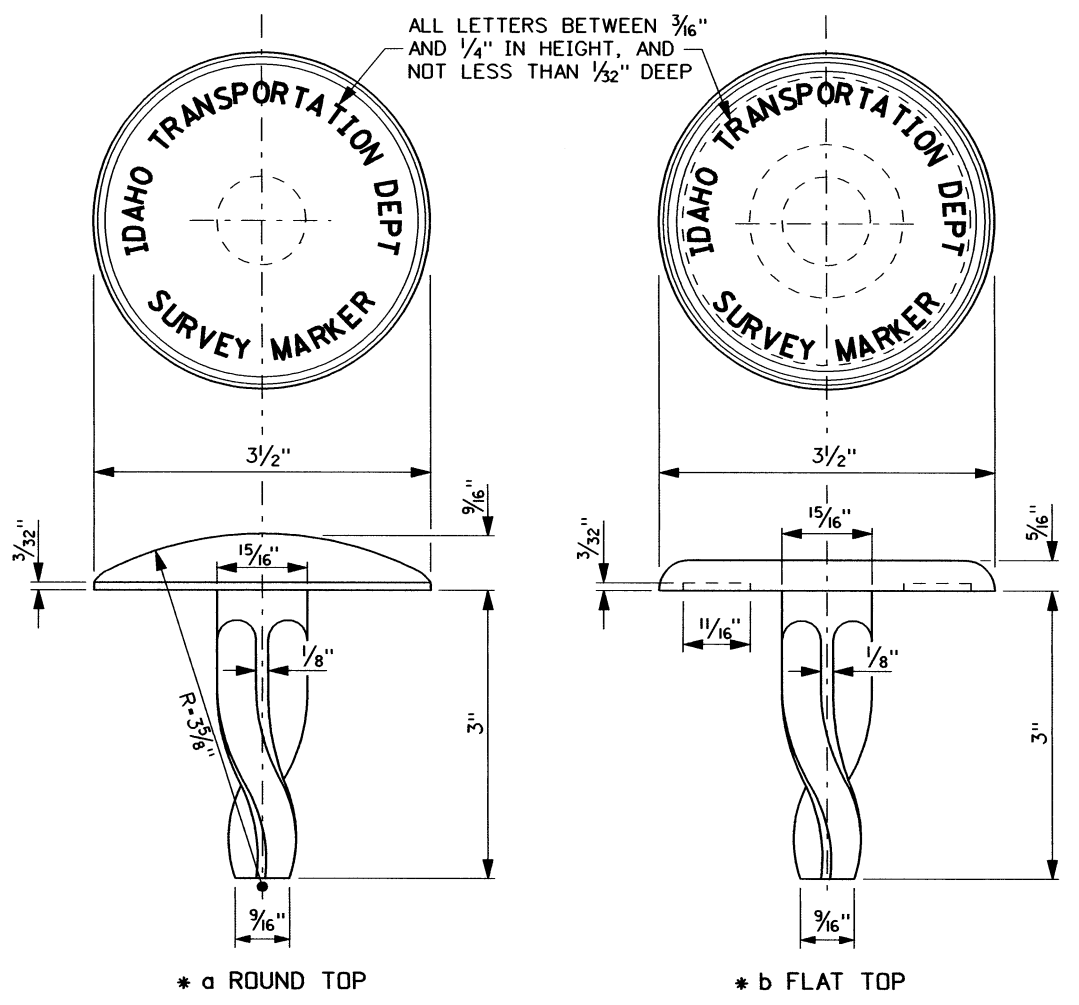
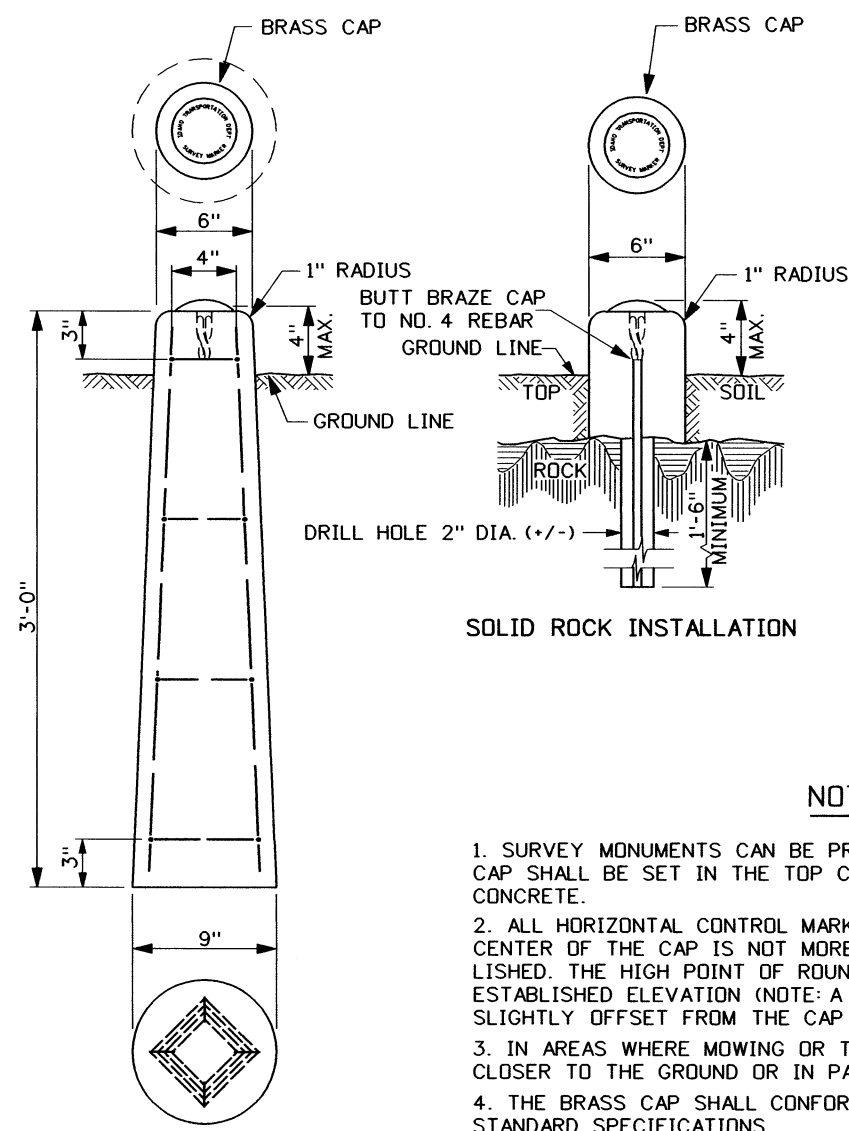


SOLID ROCK INSTALLATION      EARTH INSTALLATION



NOTES

1. SURVEY MONUMENTS CAN BE PRECAST OR CAST-IN-PLACE. THE BRASS CAP SHALL BE SET IN THE TOP CENTER PORTION OF THE MONUMENT'S CONCRETE.
2. ALL HORIZONTAL CONTROL MARKERS SHALL BE PLACED SO THAT THE CENTER OF THE CAP IS NOT MORE THAN 1/2" FROM THE POINT ESTABLISHED. THE HIGH POINT OF ROUNDED TOP MARKER SHALL BE THE ESTABLISHED ELEVATION (NOTE: A HORIZONTAL CONTROL POINT MAY BE SLIGHTLY OFFSET FROM THE CAP CENTER).
3. IN AREAS WHERE MOWING OR TRAFFIC IS ENCOUNTERED PLACEMENT CLOSER TO THE GROUND OR IN PAVEMENT IS ALLOWED.
4. THE BRASS CAP SHALL CONFORM TO SUBSECTION 708.28 OF THE STANDARD SPECIFICATIONS.
5. CONCRETE MONUMENT METAL REINFORCING SHALL CONSIST OF (4) NO. 2 BARS 3 3/2" LONG SET 1" FROM SIDES AND SHALL BE PLACED AN EQUAL DISTANCE APART TIED WITH NO. 8 WIRE AT 10" INTERVALS.
6. FOR MONUMENT INSTALLATION IN SOLID ROCK REFER TO THE "SOLID ROCK INSTALLATION" DETAIL. THE CEMENT GROUT MIXTURE SHALL BE A ONE-PART CEMENT TO TWO-PARTS CONCRETE SAND.
7. THIS STANDARD DRAWING DEPICTS MONUMENTS THAT MAY BE USED FOR RIGHT-OF WAY MARKERS, REFERENCE MARKERS, CONTROL POINTS, OR PROPERTY CORNERS. THE USE OF A SPECIFIC TYPE OF MONUMENT WILL BE DECIDED BY THE ENGINEER OR LAND SURVEYOR.
8. THE MONUMENT CAP SHALL BE STAMPED ACCORDING TO ITS PURPOSE, "REF" FOR REFERENCE MARKER, "CTL" FOR CONTROL POINT, "ROW" FOR RIGHT-OF-WAY MARKER, OR "COR" FOR PROPERTY CORNER.
9. THE WITNESS POSTS SHALL BE PLACED AS NEAR TO THE MARKERS AS PRACTICABLE.
10. NOT TO SCALE.

SUB-NOTES
* a ROUNDED TOP MARKERS ARE TO BE USED EXCLUSIVELY FOR VERTICAL CONTROL OR HORIZONTAL AND VERTICAL CONTROL IN CONJUNCTION.
* b FLAT TOP MARKERS ARE TO BE USED FOR HORIZONTAL CONTROL ONLY. CONTROL POINTS ARE TO BE PUNCHED AFTER THE MONUMENT IS PLACED.

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	5-62		6	1-68		11	6-02
2	6-62		7	9-72		12	12-04
3	5-65		8	7-90	GB	13	11-06
4	9-66		9	9-93	MSM		
5	4-67		10	5-95	MSM		

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
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DRWG. ORIG. DATE: APRIL, 1961

**IDAHO TRANSPORTATION DEPARTMENT**

BOISE IDAHO

*Steve C. Halpin*  
ASSISTANT CHIEF ENGINEER (DEVELOPMENT)

*Steve C. Halpin*  
CHIEF ENGINEER

STANDARD DRAWING

**MONUMENT MARKERS & WITNESS POSTS**

**English**

STANDARD DRWG. NO.

**I-2-A**

SHEET 1 OF 1

PROFESSIONAL ENGINEER \* LAND SURVEYOR

REGISTERED

2240

5/9/06

STATE OF IDAHO

MILFORD MILLER